| <br>Index of Claims  |           |                      |          |              |          |          |           |                               |          |           |          |          | Ar              | Application/Control No. |          |                  |          |          |           |              |          |          | Applicant(s)/Patent under Reexamination |                 |          |          |              |         |          |                 |          |  |   |  |
|--|-----------|----------------------|----------|--------------|----------|----------|-----------|-------------------------------|----------|-----------|----------|----------|-----------------|-------------------------|----------|------------------|----------|----------|-----------|--------------|----------|----------|---|-----------------|----------|----------|--------------|---------|----------|-----------------|----------|--|---|--|
|  |           |                      |          |              |          |          |           |                               |          |           |          |          |                 | 09/981,881              |          |                  |          |          |           |              |          |          |   | LAHIRI, SANDIP  |          |          |              |         |          |                 |          |  |   |  |
|  |           |                      |          |              |          |          |           |                               |          |           |          |          |                 | Examiner                |          |                  |          |          |           |              |          |          |   | Art Unit        |          |          |              |         |          |                 |          |  |   |  |
| L ITENIU EGIUS IRIUD IRIUL IRI |           |                      |          |              |          |          |           |                               |          |           |          |          |                 | Nirav Patel             |          |                  |          |          |           |              |          |          | 2135                                    |                 |          |          |              |         |          |                 |          |  |   |  |
| [  |           |                      |          |              |          |          |           |                               |          |           |          |          |                 |                         | $\neg$   | Г                |          |          |           |              | — п      |          |   |                 |          |          |              |         |          |                 |          |  |   |  |
|  |           | <b>√</b>             | Rejected |              |          |          |           | - (Through numer<br>Cancelled |          |           |          |          | era             | al)                     |          |                  | N Non-I  |          | Elected   |              |          | A        | Appeal                                  |                 |          |          |              |         |          |                 |          |  |   |  |
|  |           | =                    | Allowed  |              |          |          | ÷ Restric |                               |          |           | ted      |          |                 |                         |          | ١                | Int      | erf      | erer      | ıce          |          | o        |   | Obj             | ect      | ed       |              |         |          |                 |          |  |   |  |
|  | <u>—</u>  | Date                 |          |              |          |          |           |                               |          | Claim     |          |          |                 |                         |          | ate              | to the   |          |           | 7            | Clain    |          |   |                 | Date     |          |              |         | l<br>    | <del></del> -   |          |  |   |  |
| Claim  |           |                      | Date     |              |          | <u> </u> |           | Ī                             | Claim _  |           | -        |          |                 |                         | Т        | $\neg \neg \neg$ |          |          | Claim _   |              | Н        | Date     |   |                 |          |          |              |         |          |                 |          |  |   |  |
| Final  | Original  | 10/31/05             |          |              |          |          |           |                               |          |           | Final    | Original |                 |                         | ŀ        |                  |          |          |           |              |          | Final    | Original                                |                 |          |          |              |         |          |                 |          |  |   |  |
|  | 1         | 1                    | -        |              |          | $\dashv$ | $\dashv$  | $\dashv$                      | $\dashv$ |           |          | 51       |                 | $\dashv$                | +        | +                | $\dashv$ | +        | +         | +            | +        |          | 101                                     | $\vdash$        | ┥        | $\dashv$ | ╁            | +-      | -        | $\vdash$        |          |  |   |  |
|  | 2         | 1                    |          |              |          |          |           |                               |          |           |          | 52       |                 |                         |          |                  |          |          | 士         |              |          |          | 102                                     |                 |          |          |              |         |          |                 |          |  |   |  |
|  | 3         | 1                    |          | _            | _        | _        |           | 4                             | 4        | 4         | -        | 53<br>54 |                 | 4                       | -        | -                | $\dashv$ | -        | +         | +            | -        |          | 103<br>104                              |                 | -        | _        | +            | -       |          | H               |          |  |   |  |
|  | 5         | $\stackrel{\sim}{=}$ | -        |              |          |          |           | $\dashv$                      | ᅥ        | $\dashv$  | -        | 55       |                 | 1                       | +        | +                | $\dashv$ | $^{+}$   | +         | +            | 1        |          | 105                                     | $\vdash$        |          |          | ╁            | +       | 1-       |                 | $\dashv$ |  |   |  |
|  | 6         | 1                    |          |              |          |          |           |                               |          |           |          | 56       |                 |                         |          |                  |          |          |           |              |          |          | 106                                     |                 |          |          |              |         |          |                 |          |  |   |  |
|  | 7         | 1                    |          |              |          |          | _         | $\dashv$                      | 4        | 4         | <u> </u> | 57<br>58 |                 |                         | _        | -                | +        | 4        | +         | +            | 4        |          | 107<br>108                              |                 | 4        | -        | _            | +       |          |                 |          |  |   |  |
|  | 8         | 1                    |          | $\dashv$     | H        |          | $\dashv$  |                               |          | -         | $\vdash$ | 59       |                 | $\dashv$                | $\dashv$ | $\dashv$         | $\dashv$ | -        |           | ╁            | -        |          | 109                                     | H               | +        | +        | ╁            | +       | ╁        | $\vdash \vdash$ |          |  |   |  |
|  | 10        |                      | -        |              |          |          |           |                               |          |           |          | 60       |                 |                         |          |                  |          |          | 工         |              |          |          | 110                                     |                 |          |          |              |         |          |                 |          |  |   |  |
|  | 11        | 1                    |          | Ш            |          |          |           | _                             |          | _         |          | 61       | $\sqcup$        | 4                       | 4        | _                | 4        | -        | $\bot$    | 4            | _        |          | 111                                     | Н               | 4        | _        | $\downarrow$ | _       | ↓_       |                 | _        |  |   |  |
|  | 12<br>13  | 1                    |          | $\dashv$     | $\dashv$ | -        | $\vdash$  | $\dashv$                      | $\dashv$ | -         |          | 62<br>63 | $\vdash \vdash$ | $\dashv$                | -        | $\dashv$         | +        | +        | ╬         | +            | $\dashv$ | -        | 112<br>113                              | Н               | $\dashv$ | +        | +            | +       | ┼        | -               |          |  |   |  |
| -  | -14-      | È                    | -        | -            |          |          |           |                               | 1        |           |          | 64       |                 |                         | 7        | $\dashv$         | 1        | 1        | $\top$    | $\dagger$    | ┪        |          | 114                                     |                 |          |          |              |         |          |                 |          |  |   |  |
|  | -15-      |                      | -        |              |          |          |           |                               |          |           |          | 65       |                 |                         |          | $\Box$           | $\Box$   | $\Box$   |           | $\downarrow$ |          |          | 115                                     | П               |          |          | T            |         |          | Ц               |          |  |   |  |
|  | 16<br>-17 | 1                    |          |              |          |          |           | -                             |          | -         |          | 66<br>67 | $\vdash$        | -                       | -        |                  | $\dashv$ | -        | +         | +            | $\dashv$ | -        | 116<br>117                              | $\vdash$        | $\dashv$ |          | -            |         | ┼-       | H               | _        |  |   |  |
|  | 18        | 1                    | Н        | H            | Н        |          |           | $\dashv$                      |          |           |          | 68       |                 | $\dashv$                | +        | -                | ┪        | +        | $\dagger$ | $\dagger$    | -        |          | 118                                     | $\vdash$        |          |          | +            | +       | +        | $\vdash$        |          |  |   |  |
|  | 19        | 1                    |          |              |          |          |           |                               |          |           |          | 69       |                 |                         |          |                  |          | $\Box$   |           | $\perp$      |          |          | 119                                     |                 |          |          | I.           |         |          |                 |          |  |   |  |
|  | 20<br>21  | 1                    |          |              |          |          |           |                               | _        | _         |          | 70<br>71 |                 | $\dashv$                | $\dashv$ | -                | -        | -        | 4         | +            | -        | <u> </u> | 120<br>121                              | -               | -        | _        | +            |         | +-       | $\square$       |          |  |   |  |
|  | 22        | Ľ                    |          | -            |          |          | $\vdash$  |                               |          | -         | -        | 72       | Н               | $\vdash$                | +        | +                | -        | +        | +         | +            | -        |          | 122                                     |                 |          |          | -            | +       | +-       | $\vdash$        |          |  |   |  |
|  | 23        | 1                    |          |              |          |          |           | _                             |          |           |          | 73       |                 |                         |          |                  |          |          |           |              |          |          | 123                                     |                 |          |          |              |         |          |                 |          |  |   |  |
|  | 24        | 1                    |          |              |          |          |           |                               |          |           |          | 74       |                 |                         |          |                  |          |          |           | $\perp$      |          |          | 124                                     |                 |          | $\perp$  | $\perp$      | 4       |          |                 |          |  |   |  |
|  | 25<br>26  | 1                    |          | $\vdash$     | $\vdash$ |          |           |                               | -        | $\dashv$  | $\vdash$ | 75<br>76 | $\vdash$        | $\dashv$                | -        |                  |          | +        |           | +            |          | -        | 125<br>126                              | $\vdash$        | $\dashv$ | +        | +-           | +       | ╀┈       |                 |          |  |   |  |
|  | 27        | <del>  `</del>       |          |              | $\vdash$ |          |           |                               |          | $\dashv$  |          | 77       | Н               | $\dashv$                | _        | $\dashv$         | $\dashv$ |          | +         | t            | =        |          | 127                                     |                 | 寸        | $\dashv$ | 十            | +       | $\vdash$ | H               |          |  |   |  |
|  | 28        |                      |          |              |          |          |           |                               |          |           |          | 78       |                 |                         |          |                  |          |          |           |              |          |          | 128                                     |                 |          |          | T            |         |          |                 |          |  |   |  |
|  | 29        | <u> </u>             |          |              |          |          |           | _                             | _        |           |          | 79       |                 |                         | $\dashv$ | $\dashv$         | 4        | _        | _         |              |          | -        | 129                                     |                 | 4        | 4        | 1            | -       | ـ        | $\vdash$        |          |  | , |  |
|  | 30<br>31  | $\vdash$             | H        | Н            | Н        |          | -         |                               |          |           |          | 80<br>81 | Н               | $\dashv$                | $\dashv$ | $\dashv$         | $\dashv$ | -        |           | +            | $\dashv$ |          | 130<br>131                              | H               | -        | +        | +            | +       | $\vdash$ | $\vdash$        |          |  |   |  |
| <b></b>  | 32        | <del> </del>         |          |              |          |          |           |                               |          | $\exists$ |          | 82       | $\vdash$        |                         | $\neg$   | $\dashv$         | 1        | $\dashv$ | $\top$    | t            | $\dashv$ |          | 132                                     |                 | 7        |          | $\dagger$    | +       |          |                 |          |  |   |  |
|  | 33        |                      |          |              |          |          |           |                               |          |           |          | 83       |                 |                         |          |                  |          |          |           |              |          |          | 133                                     |                 |          |          |              | I       |          |                 |          |  |   |  |
|  | 34<br>35  | ┼                    |          |              | _        |          | Н         | $\dashv$                      |          | -         |          | 84<br>85 | Н               | $\dashv$                | _        | _                | 4        | -        | _         | _            | 4        | <u> </u> | 134<br>135                              |                 |          | +        | +            | +       | ╁        | H               |          |  |   |  |
| -  | 36        | +-                   | _        |              |          |          | Н         |                               | $\dashv$ | $\dashv$  | -        | 86       | $\vdash$        |                         | $\dashv$ | $\dashv$         | $\dashv$ | +        | +         | +            | ┪        | $\vdash$ | 136                                     | ╁               | -        | -        | ╁            | +       | +        |                 |          |  |   |  |
|  | 37        |                      |          |              |          |          | _         |                               |          |           |          | 87       |                 |                         |          |                  |          |          | 土         | 土            |          |          | 137                                     |                 | 1        |          |              |         |          |                 |          |  |   |  |
|  | 38        |                      |          |              |          |          |           |                               |          |           |          | 88       |                 |                         |          |                  |          |          | $\Box$    | $\perp$      |          |          | 138                                     | lacksquare      | $\Box$   |          |              | 1       |          |                 |          |  |   |  |
|  | 39<br>40  | -                    |          |              |          |          |           |                               |          |           | <u> </u> | 89<br>90 | $\vdash$        |                         | -        | -                |          | -        | $\dashv$  | +            |          |          | 139<br>140                              | $\vdash$        | $\dashv$ | +        | +            | +       | $\vdash$ | $\vdash$        | $\vdash$ |  |   |  |
|  | 41        | +                    | $\vdash$ | $\vdash$     | Н        | $\vdash$ | $\vdash$  | $\vdash$                      | $\vdash$ | $\dashv$  |          | 91       | H               | $\vdash$                | $\dashv$ | $\dashv$         | $\dashv$ | +        | +         | +            | $\dashv$ |          | 141                                     | $\vdash$        | -        |          | +            | +       | +        | H               | H        |  |   |  |
|  | 42        |                      |          |              |          |          |           |                               |          |           |          | 92       |                 |                         |          |                  |          | 1        |           | $\downarrow$ |          |          | 142                                     | П               |          |          |              |         |          | П               |          |  |   |  |
| ļ  | 43        | <u> </u>             |          |              |          |          | Щ         |                               |          | $\dashv$  |          | 93       | Ц               | $\sqcup$                | -        | {                | _        | 4        | 4         | 4            | $\dashv$ |          | 143                                     | $\sqcup$        | _[       | 4        | +            | $\perp$ | $\vdash$ | $\sqcup$        |          |  |   |  |
| -  | 44        | $\vdash$             | H        | Н            | Н        | $\vdash$ | $\vdash$  |                               | $\vdash$ | $\dashv$  | -        | 94<br>95 | $\vdash$        | $\vdash \vdash$         | +        |                  | $\dashv$ | $\dashv$ | +         | +            | -        |          | 144<br>145                              | $\vdash \vdash$ | $\dashv$ | -        | +            | +       | +        | Н               | $\dashv$ |  |   |  |
|  | 46        | T                    | $\vdash$ |              | Н        |          |           |                               |          |           |          | 96       |                 |                         | _        |                  | _        | _        | $\exists$ | $\top$       | $\dashv$ |          | 146                                     |                 |          |          | $\perp$      | T       |          |                 |          |  |   |  |
|  | 47        | $\Box$               |          |              |          |          |           |                               |          |           |          | 97       |                 |                         |          | $\Box$           |          |          | $\perp$   | $\downarrow$ |          |          | 147                                     |                 |          |          | I            | T       |          | П               |          |  |   |  |
| -  | 48        | -                    |          | $\vdash$     | H        | L        | Щ         | Н                             | ${oxed}$ | $\dashv$  |          | 98<br>99 | <u> </u>        |                         | -        |                  | $\dashv$ | $\dashv$ | +         | 4            | 4        | <u></u>  | 148<br>149                              | $\vdash$        | _        | -        | +            | +       | ┼        | -               |          |  |   |  |
| -  | 50        | 1                    | H        | <del> </del> | -        |          | -         |                               |          | $\dashv$  | -        | 100      | $\vdash$        | H                       | $\dashv$ | $\dashv$         | -        | $\dashv$ | +         | +            | $\dashv$ |          | 150                                     | ╁╌┤             | +        | $\perp$  | +            | +       | $\vdash$ | H               | H        |  |   |  |
|  |           |                      |          | •            |          |          |           |                               |          |           |          |          |                 |                         |          |                  |          |          |           |              | _        |          |   |                 |          |          |              |         |          |                 |          |  |   |  |